IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A process for transmitting asynchronous data packets, comprising the steps of:

starting a packeting operation of asynchronous data;

receiving a message from a message composition module;

interrupting said packeting operation based on said message;

transmitting a packet of asynchronous data formed during said packeting operation prior to said interrupting step; and

repeating said steps of starting, receiving said message, interrupting, and transmitting thereby transmitting a plurality of packets.

Claim 2 (Original): The process of Claim 1, further comprising the step of receiving said packets at said message composition module.

Claim 3 (Original): The process of Claim 2, wherein said step of receiving said packets is performed in a predefined order.

Claim 4 (Original): The process of Claim 2, further comprising the step of composing a message with said packets at said message composition module.

Claim 5 (Original): The process of Claim 4, further comprising the step of formatting said message into a formatted message.

Claim 6 (Original): The process of Claim 5, further comprising the step of transmitting said formatted message.

Claim 7 (Original): The process of Claim 1, wherein said interrupting step is triggered when said message is received from said message composition module.

Claim 8 (Original): The process of Claim 6, wherein a packeting time duration for said packeting operation is more than half of a total time duration for packeting said asynchronous data and for transmitting said formatted message.

Claim 9 (Currently Amended): The process of Claim 8, wherein said total time duration is less than 100 ms, said packeting time duration is about approximately equal to said total time duration, and a time duration for transmitting said message is negligible compared to said packeting time duration.

Claim 10 (Original): The process of Claim 1, wherein a packeting time duration for said packeting operation is equal to a cycle time for a transmission line over which said packets are transmitted.

Claim 11 (Original): The process of Claim 6, wherein a packeting time duration for said packeting operation is more than a time duration for transmitting said message.

Claim 12 (Original): A process for transmitting a packet of asynchronous data, comprising the steps of:

packeting said asynchronous data into a packet during a packeting time;

requesting said packet;

stopping said packeting;

composing a message comprising said packet; and

transmitting said message during a message transmitting time,

wherein said step of requesting is performed so that said packeting time is greater than said message transmitting time.

Claim 13 (Original): The process of Claim 12, wherein said step of transmitting said message is performed over a transmission line having a cycle time, and said step of requesting is performed so that said packeting time is equal to said cycle time.

Claim 14 (Original): The process of Claim 12, wherein said stopping step is triggered by said requesting step.

Claim 15 (Original): The process of Claim 12, wherein said packeting time is more than half of a total time for packeting said asynchronous data and for transmitting said message.

Claim 16 (Currently Amended): The process of Claim 15, wherein said total time is less than 100 ms and ~~a time for~~ said message transmitting time ~~a message~~ is so short compared to said packeting time that said total time is ~~about~~ approximately equal to said packeting time.

Claim 17 (New): The process of Claim 12, further comprising:

recovering, one after another, packets created in a predefined order in a message composition module.

Claim 18 (New): The process of Claim 1, wherein the message composition module recovers the data packets created by a plurality of successive packeting modules one after the other in a predefined order.

Claim 19 (New): The process of Claim 9, wherein said total time duration is less than 100 ms.

Claim 20 (New): The process of Claim 1, wherein said message includes a number of data in said packet of asynchronous data equal to or less than 11, and said message includes one wrapping.